



AAS – Process Technology to
Bachelor of Applied Arts and Sciences
Manufacturing and Industrial Management
Industrial Management Concentration ^T
Guided Pathway
 Effective for the 2019-2020 Catalog



First Year – Del Mar College

FIRST SEMESTER	SECOND SEMESTER
ITSC 1301 Intro to Computers	PTAC 1332 Process Instrumental I
PTAC 1302 Introduction to Process Technology	PTAC 1354 Industrial Process
PTAC 1310 Process Tech I: Equipment	PTAC 2420 Process Tech II – Systems
PTAC 1308 Safety, Health, & Environmental	^C ARCH 1301 Architectural History I
SPCH 1311 Introduction to Speech Communications	

Total Semester Hours: 15

Total Semester Hours: 13

Second Year – Del Mar College

It's best to apply to Tarleton State University a full semester before you plan to transfer.

FIRST SEMESTER	SECOND SEMESTER
SCIT 1414 Applied General Chemistry I	SCIT 1318 Applied Physics
^C ENGL 1301 Composition I	CTEC 2445 Unit Operations
PTAC 2314 Principles of Quality	PTAC 2346 Process Troubleshooting
^C HIST 1301 United States History I	^C PHYS 1305 Introduction to Physics*
PTAC 2438 Process Technology III: Operations	CTECT 2287 Intern Chemical Technology / Technician

Total Semester Hours: 17

Total Semester Hours: 15

AAS: Process Technology

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

These courses may be taken at Del Mar College (if offered) or TSU-Stephenville Campus	
^C *Life and Physical Science Core Elective (4 credits)	^C *Language Philosophy & Culture
^C *Math Core Elective	^C HIST 1302 United States History II
^C ENGL 1302 Composition II	^C *GOVT 2306 Texas Government
^C *Life and Physical Science Core Elective (4 credits)	^C GOVT 2305 Federal Government
^C *Social & Behavioral Sciences Core Elective	MATH 1316 Plane Trigonometry OR MATH 1342 Elementary Statistics

Total Semester Hours: 17

Total Semester Hours: 15

Third Year – Tarleton State University

FIRST SEMESTER	SECOND SEMESTER
ENGT 3318 Research & Reporting for Technologists	ENGT 4336 Production Planning
ENGT 3375 Continuous Improvement	ENGT 3395 Project Management
ENGT 3386 Quality Management	ENGT 4346 Manufacturing Management
Advanced Elective Course	Advanced ENGT Course

Total Semester Hours: 12

Total Semester Hours: 12

Fourth Year - Tarleton State University

FIRST SEMESTER
ENGT 4347 Metrics and Measurement (Fall Only)
Advanced ENGT Course
Advanced Elective Course
Advanced Elective Course
Advanced Elective Course

Total Semester Hours: 15

Total Degree Hours: 131

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

Part-time students may also follow this sequence. Developmental coursework may be required.

* You may take a different course to meet this requirement. A specific list is available from your advisor.

^C This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at Tarleton State University.

^T Degree availability varies by campus; consult www.tarleton.edu for more information.

*For questions about the university portion of this pathway,
 Contact the Department of Engineering Technology at 254-968-9014 or engineering.technology@tarleton.edu.*